



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
Redwood County									
4 NE Milroy	03	1950CST			0	0			Hail(2.00)
Redwood County									
1 W Milroy	03	1955CST			0	0			Hail(0.88)
Redwood County									
Wabasso	03	2023CST			0	0			Hail(1.00)
Redwood County									
Morgan	03	2047CST			0	0			Thunderstorm Wind (EG50)
Three inch diameter tree branches were downed.									
Watsonwan County									
1 S Butterfield	03	2055CST			0	0			Thunderstorm Wind (EG52)
A large tree was downed onto County Road 19.									
Brown County									
Evan	03	2058CST			0	0			Thunderstorm Wind (EG50)
Three inch diameter tree branches were downed in town. In addition, scattered corn fields were flattened in the northern section of the county.									
Brown County									
New Ulm	03	2100CST			0	0			Thunderstorm Wind (EG52)
Many tree branches were downed throughout town. A tree fell onto a garage in Payne Street.									
Watsonwan County									
St James	03	2100CST			0	0			Thunderstorm Wind (EG52)
A large tree was downed.									
Brown County									
4 S New Ulm	03	2101CST			0	0			Thunderstorm Wind (EG52)
A 60 MPH wind gust was reported via HAM radio.									
Nicollet County									
St George	03	2120CST			0	0			Thunderstorm Wind (EG52)
A large tree was downed onto a van on Highway 5. Additional trees and branches were downed in the vicinity.									
Nicollet County									
3 ESE St George	03	2120CST			0	0			Thunderstorm Wind (EG52)
Fourteen trees were downed in Lafayette North Township, Section 31. One tree that was 67 feet tall fell onto a garage, causing extensive damage.									
Blue Earth County									
Lake Crystal	03	2130CST			0	0			Thunderstorm Wind (EG52)
A number of trees were downed, including one which fell onto a city dock at the swimming beach. The time was estimated.									
Nicollet County									
2 E Klossner	03	2130CST			0	0			Thunderstorm Wind (EG52)
The top of a machine shed was destroyed.									
Nicollet County									
4 SE Lafayette	03	2130CST			0	0			Thunderstorm Wind (EG52)
Large trees were downed.									
Nicollet County									
Nicollet	03	2140CST			0	0			Thunderstorm Wind (EG52)
Large trees were downed.									
Nicollet County									
1 NW St Peter	03	2145CST			0	0			Thunderstorm Wind (EG52)
A 30 foot section of the top of a tree was downed and became lodged into the windshield and hood of a car along Highway 22 in									



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Nicollet County St Peter	03	2145CST			0	0			Thunderstorm Wind (EG50)
Several branches were downed in town. A Willow tree was uprooted in Summit Park.									
Nicollet County 2 N Traverse	03	2150CST			0	0			Thunderstorm Wind (EG52)
An old storage barn was destroyed along 375th Avenue near Highway 22 in Section 36 of Lake Prairie West Township. Numerous trees on the same property were felled. One tree fell onto a swing set and another damaged patio furniture.									
Le Sueur County 4 WNW Le Center	03	2155CST			0	0			Thunderstorm Wind (EG52)
More than 40 trees were downed or damaged at a country club on 376th Street.									
Faribault County Blue Earth	03	2200CST			0	0			Thunderstorm Wind (EG50)
Three inch diameter branches were downed.									
Le Sueur County Le Center	03	2200CST			0	0			Thunderstorm Wind (EG52)
Power lines were downed.									
Dakota County West St Paul	04	0000CST			0	0			Thunderstorm Wind (EG52)
A large tree was downed onto a car on Charleston Street. Many other branches were downed nearby.									
Dakota County Inver Grove Heights	08	0330CST			0	0			Hail(0.75)
trained spotter reported dime sized hail at the intersection of Highway 52 and Concord.									
Carver County Norwood	08	0440CST			0	0			Hail(0.75)
Dakota County Mendota Hgts to South St Paul	08	0500CST 0510CST			0	0			Thunderstorm Wind (EG50)
Tree branches were downed in Mendota Heights, West St. Paul, and South St. Paul.									
Mcleod County Hutchinson	08	0545CST			0	0			Thunderstorm Wind (EG50)
A 6 inch diameter tree branch was downed.									
Ramsey County White Bear Lake	08	0700CST			0	0			Lightning
Lightning struck a home and a nearby tree on Whitaker Street. The bolt that struck the home damaged electrical equipment inside. The bolt that struck the tree caused the tree to split in two, and one of the pieces fell through a window.									
Renville County Lakeside	08	0730CST			0	0			Hail(0.75)
Mcleod County Stewart	08	0735CST			0	0			Hail(0.75)
Mcleod County 1 E Brownton	08	0750CST			0	0			Hail(0.75)
Dime sized hail was reported by law enforcement at the intersection of Highway 212 and Orange Avenue.									



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Douglas County Miltona to 1 E Miltona	09	0245CST			0	0			Thunderstorm Wind (EG52)
									Two trees and numerous large limbs were downed.
Todd County Countywide	09	0255CST 0330CST			0	0			Thunderstorm Wind (EG55)
									Trees and numerous branches were downed countywide. One tree was felled onto the corner of a house. A large turkey barn on County 104 in Section 11 of Burnhamville Township (2 miles west of Swanville) was demolished and 7000 turkeys were killed. The roof of a nearby barn and shed were also blown off. Another barn on site was partially shifted off its foundation
Morrison County 5 S Motley	09	0330CST			0	0			Thunderstorm Wind (EG55)
									A total of 272 trees were downed at a golf course at the intersection of Hillcrest Road and Highway 10 about 5 miles south of Motley. The corner of a maintenance building was damaged by a felled tree. In addition, scattered trees were downed onto roads in the Scandia Valley Area. Power outages were also reported in Scandia Valley township
Morrison County 3 SE Randall	09	0335CST			0	0			Thunderstorm Wind (EG52)
									Power lines were downed in Darling Township.
Morrison County Little Falls to 1 SE Little Falls	09	0342CST			0	0			Thunderstorm Wind (MG68)
									Two hangars, a maintenance garage, and the roof of the terminal building were damaged by winds measured at 78 MPH at the airport in the southeast corner of town. A large tree also fell onto a truck at the airport. In town, Oak trees up to 40 feet tall and several branches were blown down.
Morrison County 3 SW Harding	09	0350CST			0	0			Thunderstorm Wind (EG60)
									A 70x80 foot heavy equipment maintenance shop was demolished along 233rd Street in Platte Township. Sections of the steel roof were found lodged in a ditch and trees along State Highway 25, one quarter mile east of the site. A 34x96 foot hip-roof barn on the same property collapsed and a collection of antique tractors inside was damaged. Also, a storage shed chimney was damaged, a second metal storage shed had one wall blown in 6 inches, and a house sustained damage to a TV tower and shingles. In addition, several trees and at least 2 power poles were downed within a mile vicinity of the farm site
Mille Lacs County 3 NNW Vineland	09	0405CST			0	0			Thunderstorm Wind (EG52)
									A two foot diameter Oak tree was downed.
Mille Lacs County 2 W Wahkon	09	0415CST			0	0			Thunderstorm Wind (EG52)
									Trees were downed at the south end of Lake Mille Lacs west of Wahkon.
Mille Lacs County 2 N Isle	09	0420CST			0	0			Thunderstorm Wind (EG55)
									Numerous trees were downed at Twin Bays.
Kanabec County 8 NW Warman	09	0430CST			0	0			Thunderstorm Wind (EG52)
									A tree was downed.
Kanabec County 5 N Kroschel	09	0440CST			0	0			Thunderstorm Wind (EG52)
									A power line was downed near Lake 11 near County Road 20.



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MINNESOTA, Central and South Central

Hennepin County

Maple Grove	09	1300CST 1400CST			0	0			Heavy Rain
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Standing water up to one foot deep was reported at the intersection of 85th Avenue and Zachary Lane.

Anoka County

Coon Rapids	09	1315CST 1320CST			0	0			Hail(0.75)
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Dime sized hail fell at the police station for 5 minutes.

Hennepin County

Champlin	09	1315CST			0	0			Hail(0.75)
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Hennepin County

Countywide	09	1315CST 1415CST			0	1			Lightning
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In Eden Prairie, a man standing next to the paving machine that he operated was injured when lightning struck the nearby tarmac around 3:02 PM CDT. He was briefly knocked unconscious, but was fully conscious when emergency personnel transported him to the hospital for non-serious injuries. An apartment building in Eden Prairie was also struck by lightning. Three homes in Bloomington east of Nicollet Avenue caught fire after being struck by lightning. A home near the intersection of 56th Street and Nicollet Avenue in south Minneapolis suffered an electrical fire after being struck by lightning. A home on Troy Lane in Maple Grove was also struck by lightning. The resulting fire damaged the roof and rafters.

Carver County

Chaska	09	1400CST			0	0			Lightning
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Two homes caught fire after being struck by lightning. The second story of one of the homes became engulfed in flames and suffered significant damage.

Scott County

Belle Plaine	09	1409CST			0	0			Hail(1.00)
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Brown County

4 S Cobden	09	1415CST			0	0			Hail(1.00)
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Quarter sized hail fell in Section 20 of Leavenworth Township.

Scott County

St Benedict	09	1420CST			0	0			Hail(1.75)
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Dakota County

Farmington	09	1430CST			0	0			Thunderstorm Wind (EG50)
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Tree branches were downed.

Nicollet County

North Mankato	09	1435CST			0	0			Thunderstorm Wind (EG50)
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Six inch branches were downed. A wind gust of 57 MPH was measured elsewhere in town by a trained spotter.

Rice County

Faribault	09	1441CST			0	0			Thunderstorm Wind (EG50)
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Tree branches were downed onto power lines north of town.

Steele County

Owatonna	09	1445CST 1630CST			0	0			Heavy Rain
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Two feet of standing water was reported at several intersections in town after 2.5 inches of rain fell. Flooded roads included SE 18th Street, Allen Avenue, Elm Avenue, Broadway Street, and Highway 218. Overflowing sewers also caused manhole covers to be forced off near Hoffman Street and State Avenue.



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<u>MINNESOTA, Central and South Central</u>									
Waseca County									
Janesville	09	1445CST			0	0			Thunderstorm Wind (EG52)
	A tree was downed.								
Dakota County									
Miesville	09	1448CST			0	0			Thunderstorm Wind (EG52)
	Power lines were downed in the 240th, Lilleyheight, and Highway 61 areas.								
Martin County									
Welcome to 1 N Welcome	09	1508CST			0	0			Hail(1.75)
	The largest hail stones were found near the intersection of 140th Street and County Road 27. Most were quarter size, but a few stones were as large as golf balls.								
Martin County									
Welcome	09	1508CST			0	0			Thunderstorm Wind (EG50)
	Tree limbs were downed. A wind gust of 57 MPH was recorded several miles farther east at the Fairmont Airport at 4:15 PM CDT.								
Goodhue County									
Red Wing	09	1510CST			0	0			Thunderstorm Wind (EG52)
	Trees and numerous large branches were downed. One downed tree fell onto a pickup truck.								
Goodhue County									
Frontenac	09	1521CST			0	0			Thunderstorm Wind (EG52)
	Large tree limbs were downed.								
Faribault County									
Delavan	09	1540CST			0	0			Thunderstorm Wind (EG52)
	Large branches were downed.								
Faribault County									
Easton	09	1545CST			0	0			Thunderstorm Wind (EG52)
	Large branches were downed.								
Waseca County									
Waseca to 3 E Waseca	09	1545CST 1550CST			0	0			Thunderstorm Wind (EG55)
	Several trees were downed across town. The hardest hit areas included the Highlands and Clear Lake. Debris from a damaged roof and sun porch broke windows on a home and damaged a garage and a car on Highland Drive. Boats and docks were damaged, roofs of homes were damaged, and several trees were downed along the northwest and east side of Clear Lake. In addition, many trees were downed in Goose Lake Park three miles east of town. One felled tree smashed a metal gate.								
Faribault County									
Minnesota Lake	09	1550CST			0	0			Thunderstorm Wind (EG55)
	Numerous trees were downed. A large Maple tree branch was blown into the roof of a home. Phone lines were also downed.								
Freeborn County									
Albert Lea	09	1615CST			0	0			Thunderstorm Wind (MG54)
	Trees and power lines were downed. Some downed trees damaged homes and vehicles. A wind gust of 62 MPH was measured by a local radio station.								
Stearns County									
St Cloud	16	1501CST 1502CST			0	0			Hail(0.88)
	Nickel to penny sized hail was reported.								



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<u>MINNESOTA, Central and South Central</u>									
Sherburne County									
3 SSE Clear Lake	16	1535CST 1545CST			0	0			Hail(0.75)
Sherburne County									
3 SSE Clear Lake	16	1535CST			0	0			Thunderstorm Wind (EG50)
Branches up to 4 inches in diameter were downed and an aluminum flag pole was bent over in Section 29 of Clear Lake East Township.									
Wright County									
1 N Hasty	16	1540CST			0	0			Thunderstorm Wind (EG50)
Numerous three inch tree branches were downed in Section 8 of Clearwater Township.									
Todd County									
9 NE Long Prairie	16	1635CST			0	0			Hail(0.75)
Dime sized hail fell in Section 27 of Little Elk Township.									
Morrison County									
3 NE Buckman	16	1700CST 2000CST			0	0			Heavy Rain
A total of 5.6 inches of rain was recorded between 6 PM on the 16th and 3 AM on the 17th. Minor flooding was reported in town.									
Morrison County									
3 NNW Flensburg	16	1705CST			0	0			Hail(0.75)
Dime sized hail fell in Section 11 of Culdrum Township.									
Morrison County									
6 W Little Falls	16	1710CST			0	0			Hail(0.75)
Penny sized hail falling along Highway 27 stopped traffic.									
Watonwan County									
Countywide	17 18	2230CST 0400CST			0	0			Flash Flood
Four inches of rain fell in St. James between 10 PM and 11:30 PM CDT on the 17th. An additional 1.6 inches fell between 11:30 PM CDT on the 17th and sunrise on the 18th. City crews had to put up barricades in St. James after streets flooded. Citizens in Oden, Ornsby, and South Branch Township reported up to 8 inches of rainfall. Drier conditions during the weeks leading up to this event helped to lessen the impact of the heavy rainfall.									
Blue Earth County									
Countywide	18	0000CST 0400CST			0	0			Flash Flood
Seven inches of rain reportedly fell in Vernon Center. The heaviest rain fell around 1:30 AM and continued on and off through mid morning. Basement and street flooding was reported in town. Street flooding was also reported in Amboy and a few roads were barricaded around 2 AM CDT.									
Martin County									
Countywide	18	0000CST 0400CST			0	0			Flash Flood
An estimated 6 inches of rain fell in Truman. Basement and street flooding was reported in town.									
Douglas County									
5 N Garfield	25	1957CST			0	0			Hail(1.75)
Douglas County									
Carlos	25	2000CST			0	0			Hail(0.75)
Douglas County									
Countywide	25 26	2000CST 0500CST			0	0			Flash Flood
Many low lying areas and roads in and around Alexandria were covered by one to three feet of water. Creeks also ran high across the									



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MINNESOTA, Central and South Central

county. Rainfall totals included 5.45 inches in Carlos, 4.38 inches at the Alexandria airport, and 3.00 inches in Millerville.

Pope County

Countywide

25 2130CST
26 0600CST

0 0

Flash Flood

Water ankle to knee deep covered portions of Glenwood. Water flowed across Highway 28 near Glenwood and local officials had to erect a dike to hold back the water and reopen the road. Flooding was also reported in Starbuck. A total of 6.50 inches of rain was recorded in Glenwood.

Stearns County

West Portion

25 2200CST
26 0600CST

0 0

Flash Flood

Up to 7 inches of rain fell across western Stearns County. Rainfall totals ranged from west to east from 6.50 inches in Brooten to 2.84 inches at St. Cloud State University.

Swift County

Countywide

25 2330CST
26 0500CST

0 0

Flash Flood

Roads and basements were flooded across the county. Streets were also flooded in Benson. Ditches and tributaries leading to the Chippewa River in Swift Falls overflowed. A road in Swift Falls was washed out and had to be rebuilt after the water receded. A handful of other roads around Swift Falls were partially eroded by flood waters. In addition, several township roads in the northern and eastern portion of the county were under water for up to 24 hours, especially in Camp Falls Township. Swift Falls Park had to be evacuated after flooding was observed. Swift Falls Creek overflowed its banks around 12:30 AM CDT. Rainfall totals included 8.18 inches one mile southwest of Kerkhoven, 4.98 inches in downtown Benson and 3.59 inches at the Benson airport.

Kandiyohi County

Countywide

26 0100CST
0600CST

0 0

Flash Flood

Several roads were flooded in and around Willmar. Rainfall totals included 8.30 inches three miles west of New London, 6.72 inches two miles southeast of Sunburg, 5.52 inches in New London, 3.15 inches at the Willmar wastewater treatment plant, and 3.01 inches at the Willmar airport.

Chippewa County

Countywide

26 0230CST
0500CST

0 0

Heavy Rain

A total of 4.50 inches of rain was recorded three miles south of Kerkhoven in the eastern portion of Chippewa County.

WISCONSIN, West

Barron County

4 WSW Prairie Farm to Prairie Farm

08 0430CST

0 0

Hail(1.75)

Golfball sized hail broke windows and damaged siding.

Dunn County

8 W Ridgeland

08 0430CST

0 0

Hail(1.00)

Quarter sized hail fell in Section 1 of New Haven Township.

St. Croix County

Burkhardt

08 0445CST

0 0

Hail(0.75)

Rusk County

6 S Bruce

08 0515CST

0 0

Hail(0.75)



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<u>WISCONSIN, West</u>									
Barron County									
Haugen	08	0520CST			0	0			Hail(0.75)
Barron County									
2 E Cameron	09	1230CST			0	0			Hail(0.75)
Rusk County									
1 W Weyerhaeuser	09	1248CST			0	0			Hail(1.50)
		Walnut sized hail fell along Highway 8 just west of town.							
Chippewa County									
6 ENE Holcombe	09	1330CST			0	0			Hail(1.00)
		Quarter sized hail fell in Section 22 of Ruby Township.							
St. Croix County									
5 S Roberts	09	1440CST			0	0			Hail(1.75)
		Golf ball sized hail fell at the intersection of Interstate 94 and Highway 65.							
Eau Claire County									
Eau Claire	09	1502CST			0	1			Lightning
		A 54-year-old man was struck by lightning on Menomonie Street while unhooking a chain from a truck at a business. He was transported to a local hospital for observation after "feeling hot", but was otherwise uninjured							
Pierce County									
Bay City	09	1515CST			0	0			Thunderstorm Wind (EG52)
		Several trees were downed.							
Pierce County									
Countywide	09	1515CST 1600CST			0	0			Lightning
		A second story of home on 690th Street on the northwest edge of Martell was severely damaged by a fire caused by a lightning strike. A fuse box was damaged by a lightning strike at a home along 130th Avenue in Hager City. Lightning was also responsible for a tree fire at the intersection of CTH EE and Cemetery Road near Bay City.							
Pepin County									
Stockholm	09	1526CST			0	0			Thunderstorm Wind (EG52)
		Trees and power lines were downed.							
Chippewa County									
5 S Stanley	09	1530CST			0	0			Thunderstorm Wind (EG52)
		A tree was downed near the intersection of the Chippewa, Clarke, and Eau Claire county borders.							